

# Statewide Design-Build GEC and CEI Industry Forum

**Andrew Hoenig, P.E., DBIA**  
**Design-Build Program Manager**

**Stephen Lively**  
**P3 Construction Program Manager**

August 12, 2021



## Disclaimer

The Department will provide information about the anticipated Statewide GEC/CEI procurement goals, and anticipated scope for three regions in the state of Georgia.

This presentation is provided by the Department for general informational purposes only and is subject to change.

# Agenda

- Overview and Consultant Opportunities
- GEC/CEI Scope and Schedule





# Consultant Opportunities

# GEC and CEI Opportunities

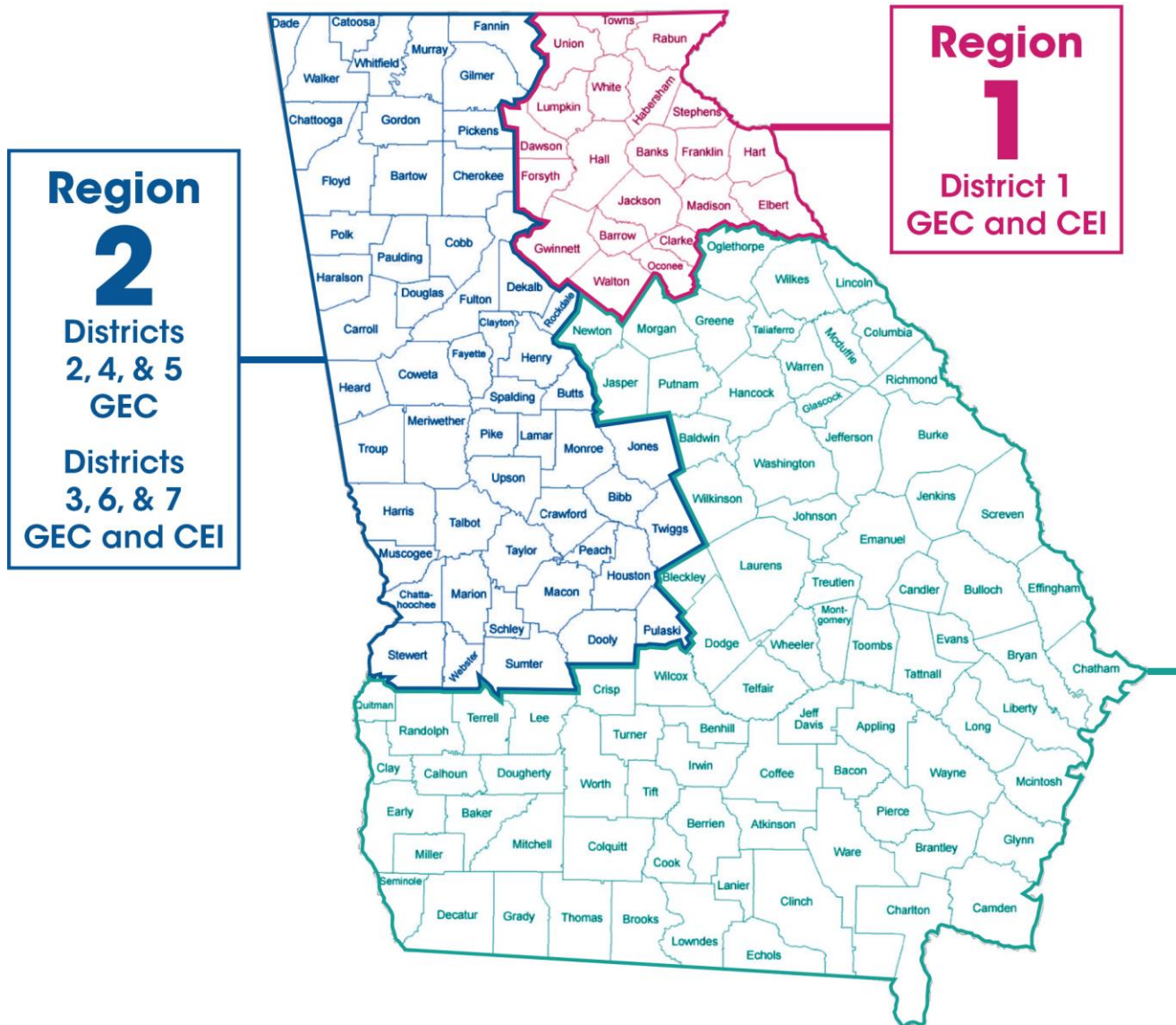
## Existing Contracts

- Statewide GEC
  - Pre-Let
  - \$100M
  - Expires June 15, 2022
- Districts 1, 6, & 7 CEI
  - Post-Let
  - \$15M
  - Expires October 31, 2022
- Districts 2, 3, 4, & 5 CEI
  - Post-Let
  - \$15M
  - Expires October 31, 2022

## Upcoming Opportunities

- New GEC and CEI contracts provide scope for pre-let and post-let services
- Projects grouped together by Georgia DOT District
- Anticipate a five-year IDIQ contract

# Changes to GEC and CEI Contracts



Region	Approximate Contract Value	Approximate D&C Value
Region 1	\$55 million	\$538 million
Region 2	\$25 million	\$181 million
Region 3	\$10 million	\$105 million

## Upcoming Design-Build Projects

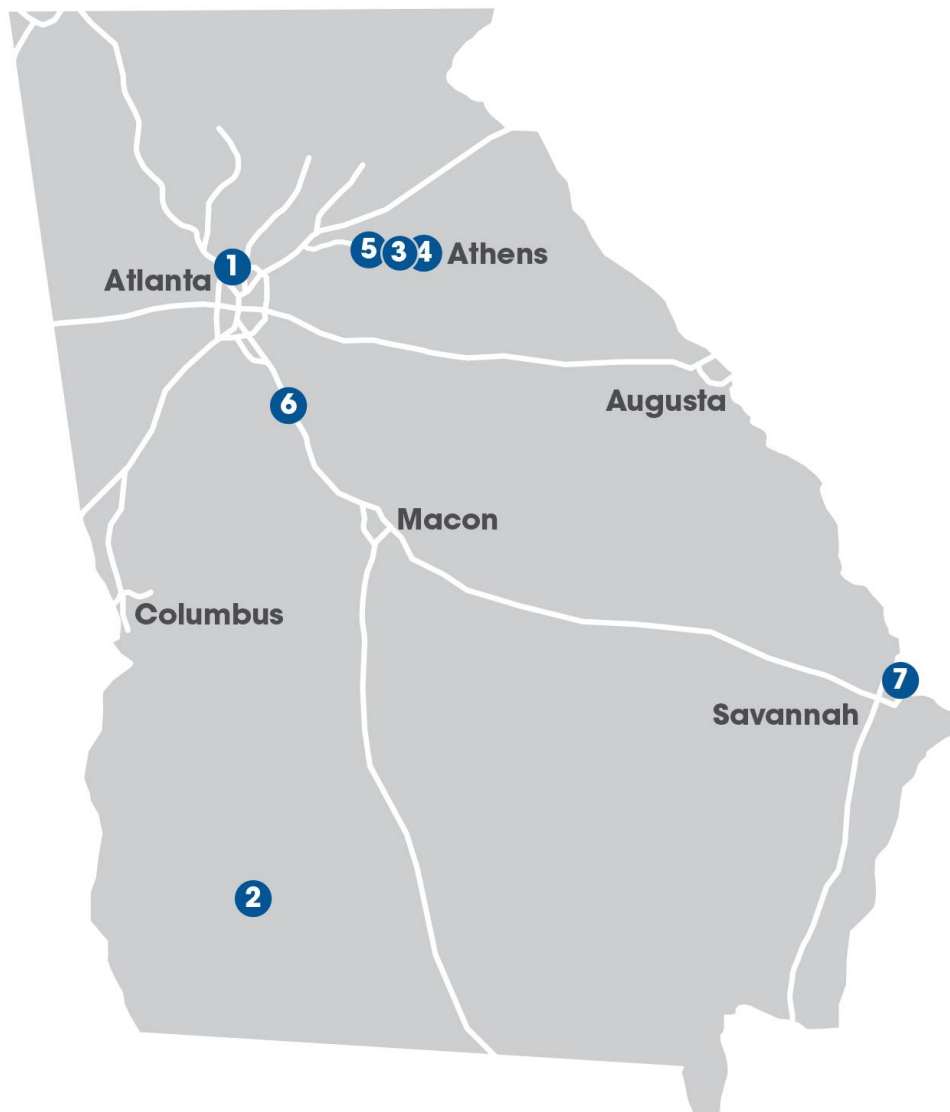
Project	PI Number(s)	County	Anticipated Selection Method	Letting
James P. Houlihan Bridge & Middle River Bridge	0013741, 0013742	Chatham	BV	Q3 2021
I-285 Westbound Auxiliary Lane Extension	0017130	Fulton	2 Ph Low Bid	Q2 2022
FY22 Design-Build Bridge Bundle	0018124	District 4	2 Ph Low Bid	Q2 2022
SR 316 @ SR 211 & SR 316 @ Barber Creek Rd	0010352, 0013910	Barrow	BV	Q2 2023
SR 316 @ Jimmy Daniel Rd, SR 316 @ Virgil Langford & SR 316 @ Oconee Connector	0013767, 0013768*, 0013769*	Oconee	BV	Q4 2023
SR 316 @ Carl - Bethlehem Rd & SR 316 @ Kilcrease Rd	0013902, 0013903	Barrow	BV	Q2 2024
I-75/Bethlehem Road Interchange	0017182	Henry	BV	Q2 2024

Design-Build Website: <http://www.dot.ga.gov/PS/Innovative/DesignBuild>

*\*Note: CHA has full contract for both PI numbers*



# Upcoming Design-Build Projects



## Design-Build Projects

**1 I-285 Westbound Auxiliary Lane Extension**

*PI# 0017130*

**2 FY22 Design-Build Bridge Bundle**

*PI# 0018124*

**3 SR 316 Bundle 1**

*PI#s 0010352, 0013910*

**4 SR 316 Bundle 2**

*PI#s 0013767, 0013768, 0013769*

**5 SR 316 Bundle 3**

*PI#s 0013902, 0013903*

**6 I-75/Bethlehem Road Interchange**

*PI# 0017182*

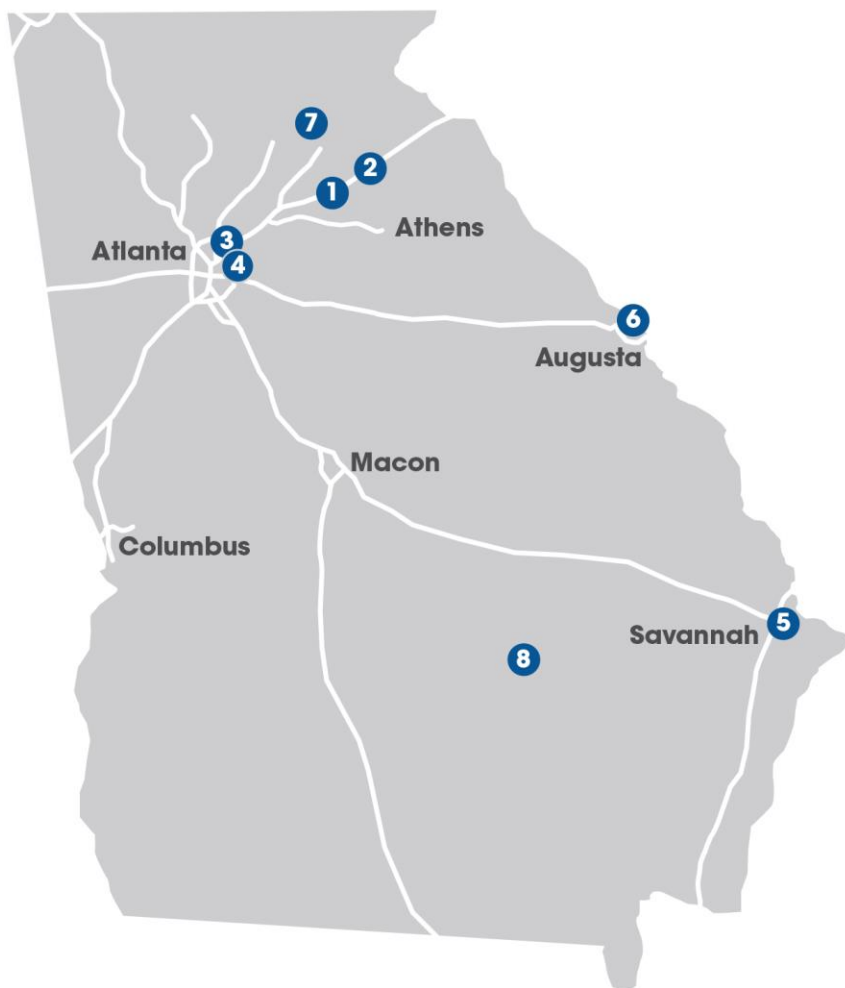
**7 James P. Houlihan Bridge & Middle River Bridge**

*PI#s 0013741, 0013742*



# Existing Post-Let Design-Build Projects

CEI services anticipated for these ongoing projects



Post-Let Design-Build Projects	Percent Complete	Contract Value
<b>1</b> I-85 Widening, Phase 2 <i>PI# 0013545</i>	28.06%	\$94,569,146
<b>2</b> I-85 Widening, Phase III <i>PI# 0015245</i>	0%	\$141,981,254
<b>3</b> I-285/Peachtree Industrial Boulevard Interchange Improvements <i>PI# 0017126</i>	9.01%	\$16,683,503
<b>4</b> I-285 Eastside Bridge Replacements <i>PI# 0017129</i>	3.48%	\$47,554,000
<b>5</b> SR 307/Dean Forest @ I-16 DDI <i>PI# 0013727</i>	41.14%	\$33,659,600
<b>6</b> I-20 @ Savannah River Bridge <i>PI# 210327</i>	67.55%	\$71,938,170
<b>7</b> SR 53 Bridge Replacement <i>PI# 0010212</i>	63.01%	\$20,109,199
<b>8</b> SR 135 Bridge Replacement <i>PI# 0007037</i>	70.77%	\$19,943,000
Other potential DB projects		

# Anticipated Milestones: SR 316 and I-75/Bethlehem Road Interchange Projects

Project	Concept Approval	Costing Plans Set Complete	Final NEPA Decision	Issue Final RFP	Letting
SR 316 (Bundle 1)	CYQ4 2021	CYQ4 2022	CYQ1 2023	CYQ1 2023	CYQ2 2023
SR 316 (Bundle 2)	TBD	TBD	TBD	CYQ2 2023	CYQ4 2023
SR 316 (Bundle 3)	TBD	TBD	TBD	TBD	CYQ2 2024
I-75/Bethlehem Road Interchange	TBD	TBD	TBD	TBD	CYQ2 2024

## Definition: Conflict of Interest (COI)

A situation where a person or entity who, because of other activities, secondary interests, or relationships with other persons or entities involved:

- 1) is unable or potentially unable to render impartial assistance or advice to GDOT;
- 2) is or might be otherwise impaired in its objectivity in performing the contract work; or,
- 3) has an unfair competitive advantage.

**See Chapter 1.9 of the GDOT DB Manual**

<http://www.dot.ga.gov/PS/DesignManuals/DesignGuides>

## Opportunity Conflicts

1. DB Project – GEC/CEI
  2. DB Project – DB Team
  3. DB Project – CEI
  4. DB Project – DB Team
- 

### **NOT ALLOWABLE**

- 1 and 2
- 3 and 4

**Note:** A GEC/CEI or CEI Prime on any given project **cannot** participate with a DB Team on the same project. GEC/CEI or CEI subconsultants can request through their Prime to be relieved of their obligation on a project-by-project basis. (Prime must request approval by GDOT)  
\* GEC/CEI in Region 1 may be EOR for DB projects in Region 2 or 3 (& vice-versa)



The background image shows a large-scale construction project. On the left, a multi-span bridge is under construction, with its steel truss structure visible. A tall lattice boom crane stands behind the bridge. In the foreground and to the right, the foundation and lower walls of a large building are visible, with some construction equipment and materials around. The entire image is overlaid with a semi-transparent orange filter. A large white triangle points from the top right towards the center of the image.

# GEC/CEI Scope and Schedule

# Anticipated GEC/CEI Roles & Responsibilities

## Pre-Let Roles & Responsibilities

- Potential Designer of Record including design development services to align with alternative contracting methods, specifically CMGC as defined in Section 32-2-82 of the Official Code of Georgia Annotated
- Procurement support
- Project studies and analyses
- Pre-scoping and early schematics
- Scoping and Costing Plans through NEPA approval
- Environmental studies and documents through NEPA approval
- Cost estimating services
- CPM schedules
- Concept Report development
- Utility coordination and SUE

## Post-Let Roles & Responsibilities

- NEPA revaluation support
- Design oversight/submittal review
- Construction Engineering Inspections (CEI)
- ROW plan preparation (does not include ROW acquisition services)
- Cost estimating services
- Contractor CPM schedule reviews

# Anticipated Pre-Let GEC/CEI Team Leads

## Core Team

- Project Manager\*
- Engineering Lead\*
- National Environmental Policy Act (NEPA) Lead\*
- Bridge/Structural Design Lead\*
- Construction Lead\*

## Key Team Leads

- Survey Lead
- Geotechnical Lead
- Traffic Operations Lead
- Traffic Lead
- Communications Lead
- Estimating Lead
- Scheduling Lead
- ROW Lead
- Utilities Lead
- Roadway Design Lead

## Anticipated Post-Let GEC/CEI Key Team Leads

- Project Manager
- Roadway Design Lead
- Bridge/Structural Design Lead
- National Environmental Policy Act (NEPA) Lead
- Geotechnical Lead
- Traffic Operations Lead
- Materials Manager
- Project Resident Engineer
- Assistant Project Resident Engineer
- Communications Lead
- Estimating Lead
- Roadway Lead
- Bridge/Structures Lead
- Geotechnical Lead
- Scheduling Lead
- ROW Lead
- Utilities Lead
- Construction Lead
- Assistant Construction Lead
- Office Engineer
- Sr Roadway Inspector
- Sr Bridge Inspector
- Sr Drainage Inspector
- Jr Roadway Inspector
- Jr Bridge Inspector
- Jr Drainage Inspector



# CEI Roles & Responsibilities

## Roles

- Project Manager (1\*)
- Senior Inspector/Field Supervisor (1\*)
- Inspectors (3\*)
- Inspector Aid
- Bridge Inspector
- ATMS/Signal Inspector
- Office Manager
- CEI Resident Compliance Officer
- Contract Support Specialist
- Discipline Engineers
- Assistant Construction Manager

## Responsibilities

- Monitor and inspect construction activities
- Material testing and coordination with OMAT
- NCR reviews
- Attend meetings with Project Management Team (PMT)
- Submittal reviews
- Measure and compute quantities of materials
- Maintain construction diaries, logs, notebooks, records, and documents through electronic data management system (e.g., ATSER and e-Builder)
- Coordinate with ATSER for Material Acceptance Testing System (MATS)

# Anticipated Area Classes

## GEC/CEI

### Prime

- 3.05 Multi-lane Urban Interstate Limited-Access Design
- 4.01 (a or b) Minor Bridge Design
- 8.01 Construction Engineering and Supervision

### Team

- All area classes

## CEI

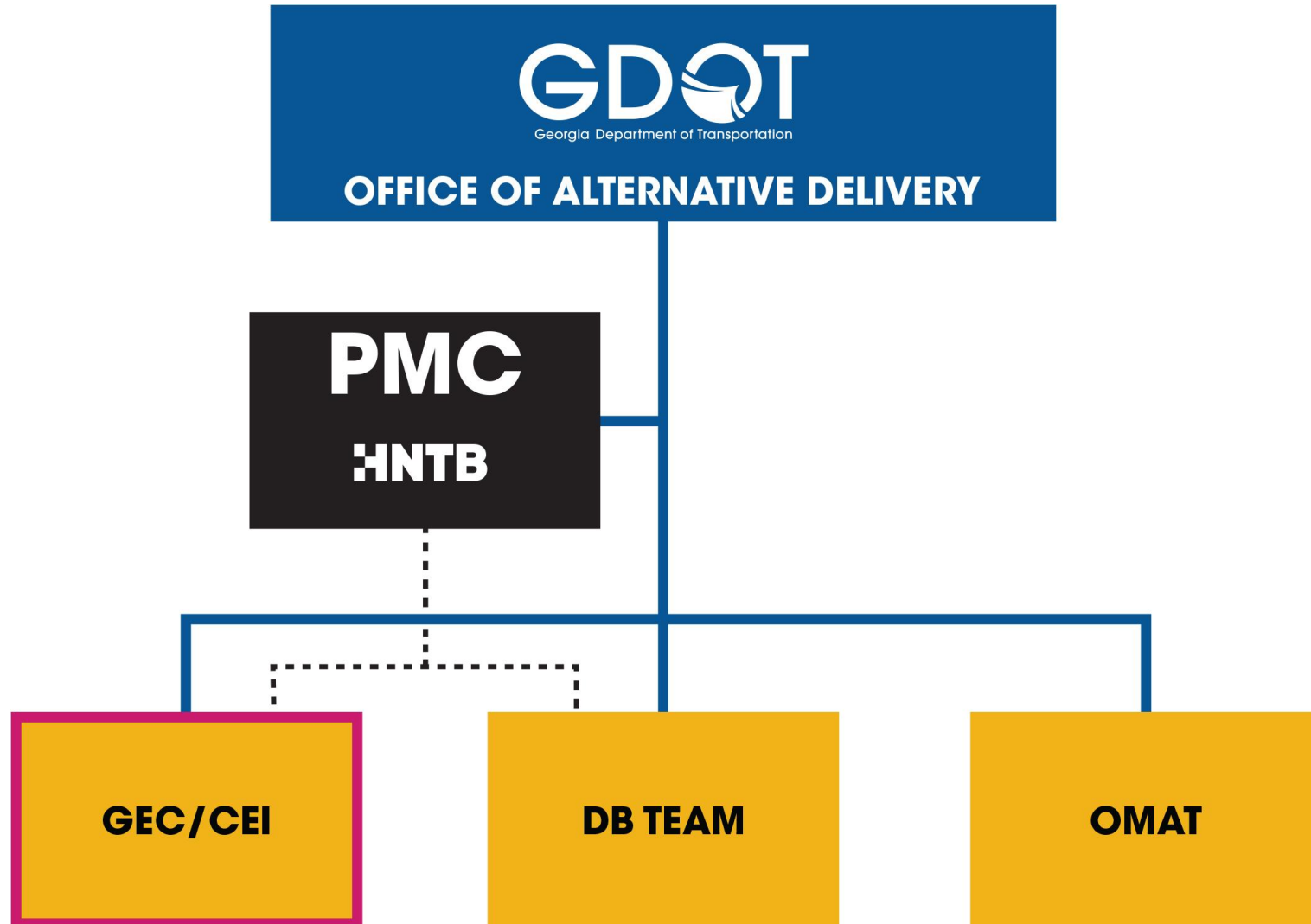
### Prime

- 8.01 Construction Engineering and Supervision

### Team

- 8.01 Construction Engineering and Supervision
- 9.02 Rainfall and Runoff Reporting
- 9.03 Field Inspection for Erosion Control

# Organizational Structure



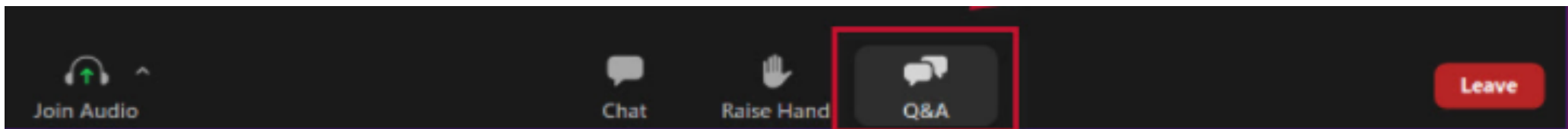
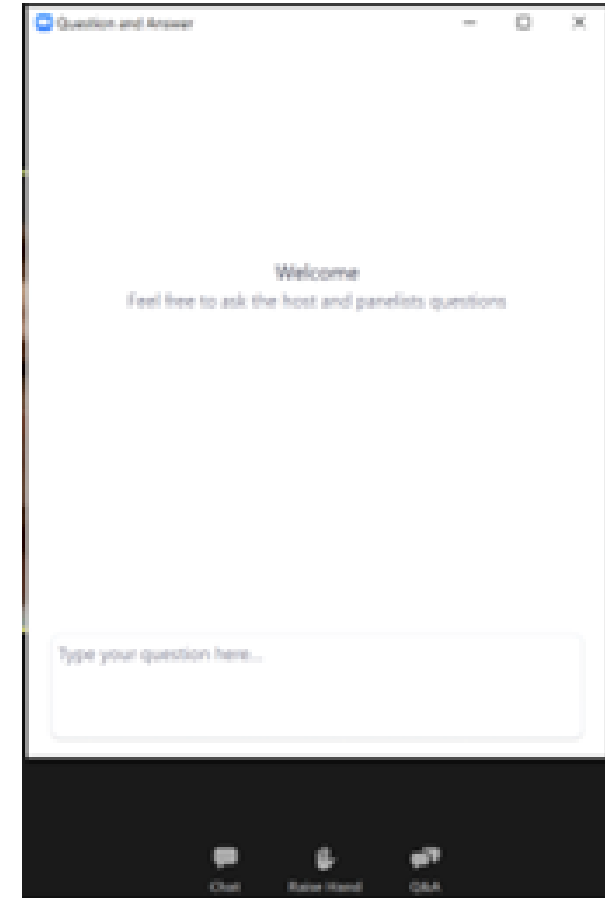
# Anticipated Procurement Schedule

Procurement Activity	Date
GDOT Posts PNA	July 23, 2021
Industry Forum	August 12, 2021
GDOT Posts RFQ	August 23, 2021
SOQs Due	September 23, 2021
Award	CYQ1 2022
Execute Contract	CYQ1 2022



# Question and Answer (Q&A) Session

- Bandwidth will impact your experience so be sure to have strong Wi-Fi or a reliable wired connection.
- Submit questions through the Q&A feature located at bottom of your screen.
- A member of our staff will read the questions for the project team to answer during this session.
- If you have joined us audio-only and/or experiencing challenges with the Q&A feature, email questions to **OIDGEC@dot.ga.gov**.



## Stay Connected



@GeorgiaDOT



@GADeptofTrans



@gadeptoftrans



[www.dot.ga.gov](http://www.dot.ga.gov)

# Thank You

For Viewing